

APR 06 2018

plw April 50



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D350-578-031
Job Sheet 175498



Part No: D350-578-031

Job Qty: 4 ea

Part Name: AS350/AS355 Bearpaw Wearplates



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 4/5/18

Job Tracking No:

Due Date: 4/30/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV H SHEET 12 IPP Rev:A 09-02-03 new issue DD verified by:JLM IPP REV:B 14.05.01 AS PER
ECN14-544 DD VERF:JLM IPP REV:C 15.03.30 JLM VERIFIED BY:DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	4 Ea	4/30/18	4/30/18	0.00	0.00	Start Up Stores/Pkg-2		APR 26 2018
105	Packaging	4 pcs	4/30/18	4/30/18	0.00	0.00	Packaging1-3		APR 26 2018
110	QC	4 pcs	4/30/18	4/30/18	0.00	0.00	QC4		DAS
115	DC	4 pcs	4/30/18	4/30/18	0.00	0.00	DC		58 DAS
120	Packaging	4 pcs	4/30/18	4/30/18	0.00	0.00	Packaging3-1		58 DAS
130	QC21-FG	4 Ea	4/30/18	4/30/18	0.00	0.00	QC21		9-89 APR 27 2018

Part Op 115 - Photocopy bluefile and type labels per PPP D350-578-031 CHG 003
Descriptions: 120 - Identify and pack for shipping as per PPP D350-578-031 and DS19429

DAS
21
9-89

APR 27 2018

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN4-16A	Bolt	48 Ea (12 ea)	90-Start up Operation	5060052
AN4-17A	Bolt	48 Ea (12 ea)	90-Start up Operation	5027724
D3859-041	Wearplate Assembly	8 Ea (2 ea)	90-Start up Operation	3059035
MS21042L4	Nut	48 Ea (12 ea)	90-Start up Operation	3054118
NAS1149D0463J	Washer	96 Ea (24 ea)	90-Start up Operation	8045845

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	AN4-16A	48	214	0
	AN4-17A	48	247	0
	D3859-041	8	3	0
	MS21042L4	48	3,875	0
	NAS1149D0463J	96	5,730	0

Part Specifications

Specifications could not be found.

Plex 4/5/18 3:12 PM Dart.lajeunesse.marie

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS			
		Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐	Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐	Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐	Engineering ☐ Quality ☐ Other ☐
Date :		QTY Effective :		MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description 					

DART Aerospace Ltd.
 1270 Aberdeen Street
 Hawkesbury, ON K6A 1K7
 CANADA
 TEL: 813 832-5200
 Email: sales@dartaero.com
 www.dartaerospace.com

DART
AEROSPACE

Container No: S065589
 Part: D350-578-031
 Job No: 175498
 Serial No/Batch: S065589
 Revision:
 Inspector:

Date: 04/26/10

Root Cause			
Environment	☐	No Re-ve	☐
Design	☐	Operator	☐
Doc/Data	☐	Offset/Si	☐
Equip/Tooling	☐	Supplier	☐
Handling/Pre	☐	Training	☐
Material	☐	Use for Testing	☐
Internal Transport	☐	Poor Information	☐
Tribal Knowledge	☐	Rushing	☐
LOA	☐	Product Improvement	☐
Substation	☐	Process Improvement	☐
Past Expiry Date	☐	Manufacturing Process	☐
Misidentified	☐	Past Due	☐
		OTHER :	

s/Surge ☐
 ram ☐
 Positioned Wrong
 Outside Dimensions
 Over/Under tolerance
 Part Incorrect
 Part Lost/Missing
 Part Moved
 Drawing
 Finish
 Misread
 Turning Sequence

Crimp/Kink/Ripple/Wave ☐
 Cuffs ☐
 Crushing ☐
 Heat Treat ☐
 Wave/Twist in Tube ☐
 Marks/Chatter ☐

Inspection missing ☐
 Contamination ☐
 Countersink ☐
 Cut Too Short ☐
 Instructions Incomplete/Unclear ☐
 Drill Holes ☐

ock Pulled ☐
 Out of Sequence ☐
 Off-set ☐
 Mislabeled ☐
 Fit/Function ☐
 Misaligned/off center ☐

PAGE 1 OF 1

Description: WEARPLATE

H:\Forms\Engineer\Approved Eng Online\CHGREC revB

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
		OTHER : _____			

REFERENCE ONLY

5.0 PARTS LIST

5.1 D350-578-011/-013/-015/-017/-021 BEARPAW INSTALLATION

Qty -011	Qty -013	Qty -015	Qty -017	Qty -021	Qty -031	Part Number	Description
X						D350-578-011	BEARPAW INSTALLATION
	X					D350-578-013	BEARPAW INSTALLATION
		X				D350-578-015	BEARPAW INSTALLATION
			X			D350-578-017	BEARPAW INSTALLATION
				X		D350-578-021	BEARPAW INSTALLATION
					X	D350-578-031	WEARPLATE KIT
2						D2432F	Bearpaw
		2				D2432-3	Bearpaw
12	12	12	12	12		D2529	Washer
				2		D2672F	Bearpaw
12	12	12	12	12		D3601-1	Radius Block (Replaces D2274)
					2	D3859-041	Wearplate
6	6	6	6	6		D4011-1	Clamp (Replaces D2438)
6	6	6	6	6		D4012-1	Cushion (Replaces D2182B050)
	2					D4297-1	Bearpaw
			2			D4297-3	Bearpaw
12	12			12	12	AN4-16A	Bolt
		12	12		12	AN4-17A	Bolt
24	24	24	24	24	24	NAS1149D0463J	Washer
12	12	12	12	12	12	MS21042L4	Nut (or MS21042-4)

5.2 D350-578-111/-113/-115/-117/-121 BEARPAW INSTALLATION

Qty -111	Qty -113	Qty -115	Qty -117	Qty -121	Part Number	Description
X					D350-578-111	BEARPAW INSTALLATION
	X				D350-578-113	BEARPAW INSTALLATION
		X			D350-578-115	BEARPAW INSTALLATION
			X		D350-578-117	BEARPAW INSTALLATION
				X	D350-578-121	BEARPAW INSTALLATION
1					D350-578-011	Bearpaw Installation
	1				D350-578-013	Bearpaw Installation
		1			D350-578-015	Bearpaw Installation
			1		D350-578-017	Bearpaw Installation
				1	D350-578-021	Bearpaw Installation
1	1	1	1	1	D350-578-031	Wearplate Kit

• COPYRIGHT © 2002 BY DART AEROSPACE LTD •

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: H

Date: 15.03.12